

Implement a data collection and visualization system using the IOT technologies.  
The requirements of this project are:

1. Use Arduino hardware and DH-11 sensor to collect temperature and humidity samples.
2. Build node-red flows to gather data from Arduino hardware connected to a laptop and store it somewhere (file/database/cloud).
3. Prepare a dashboard on node-red to visualize streaming data, while they are visualized on a LCD screen connected to Arduino hardware.
4. In the case of temperature over 30°C or humidity less than 30%, a red light should be turned on and user should be notified on Telegram and E-mail.
5. Use node-red to read the data has been collected and produce a report containing the daily average, minimum and maximum of the measurements. The report should be sent to the user by email every midnight.

**Attention:** This is a simpler project than main project due the main project has more details and needs more knowledge.